

Fig.1

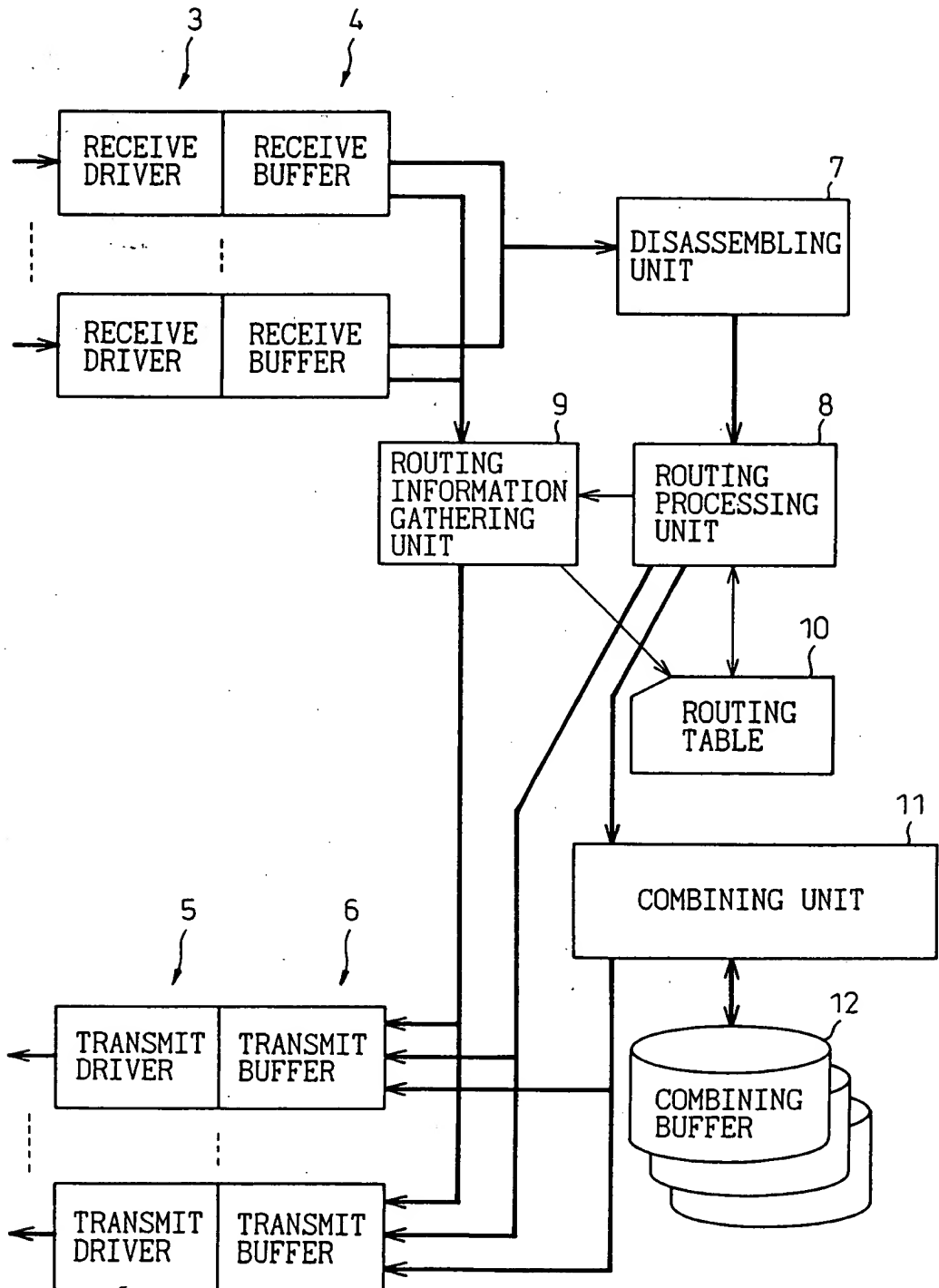


Fig.2

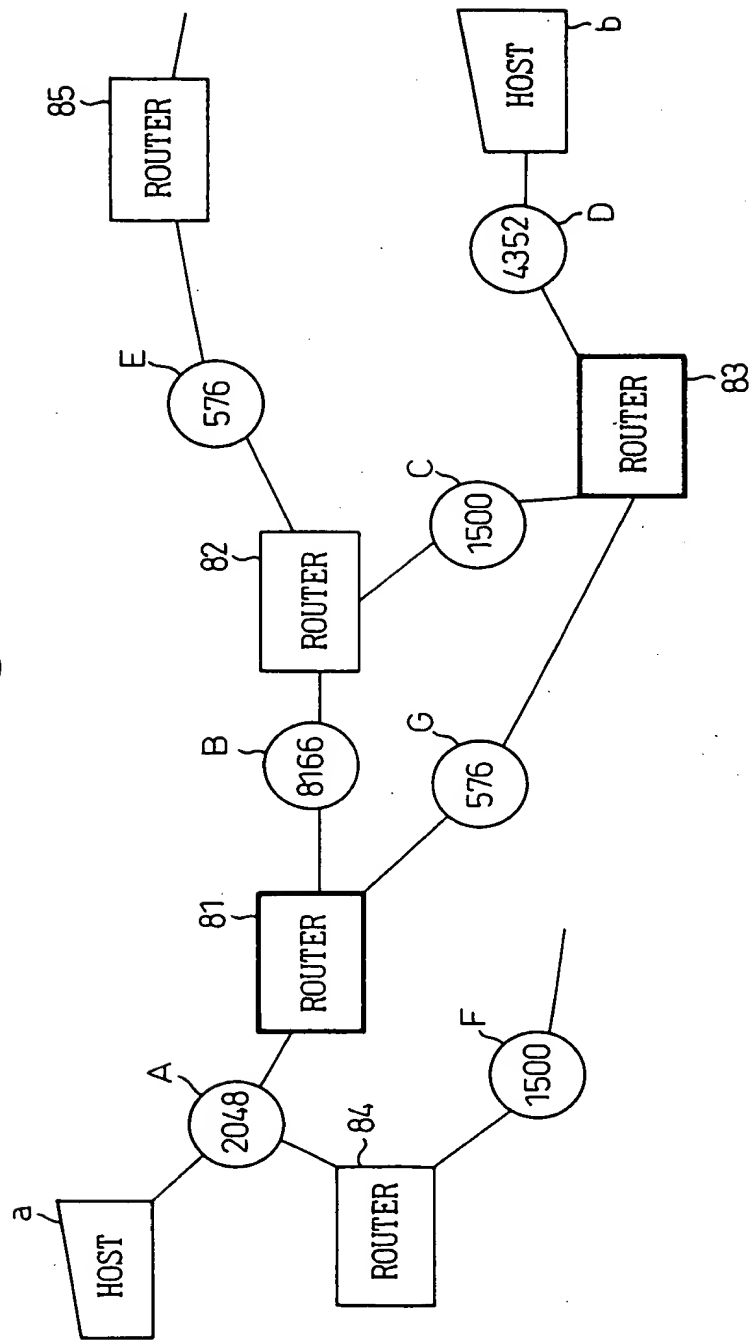


Fig.3

ROUTING TABLE IN ROUTER 81

NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEM- BLING ROUTER
D	82	2	1500	ACCEPTABLE	83
D	83	1	576	ACCEPTABLE	83
::	::	::	::	UN- ACCEPTABLE	::

Fig.4

ROUTING TABLE IN ROUTER 82

NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEM- BLING ROUTER
A	81	1	2048	ACCEPTABLE	81
D	83	1	1500	ACCEPTABLE	83
::	::	::	::	UN- ACCEPTABLE	::

Fig.5

ROUTING TABLE IN ROUTER 83

NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEM- BLING ROUTER
A	82	2	1500	ACCEPTABLE	81
A	81	1	576	ACCEPTABLE	81
::	::	::	::	UN- ACCEPTABLE	::

Fig.6

NETWORK ADDRESSES OF NETWORKS

NETWORK	NETWORK ADDRESS	SUBNET MASK
A	10 . 100 . 0 . 0	255 . 255 . 0 . 0
B	10 . 0 . 0 . 0	255 . 0 . 0 . 0
C	20 . 0 . 0 . 0	255 . 0 . 0 . 0
D	20 . 210 . 0 . 0	255 . 255 . 0 . 0
E	20 . 200 . 0 . 0	255 . 255 . 0 . 0
F	10 . 100 . 1 . 0	255 . 255 . 255 . 0
G	30 . 0 . 0 . 0	255 . 0 . 0 . 0

Fig.7

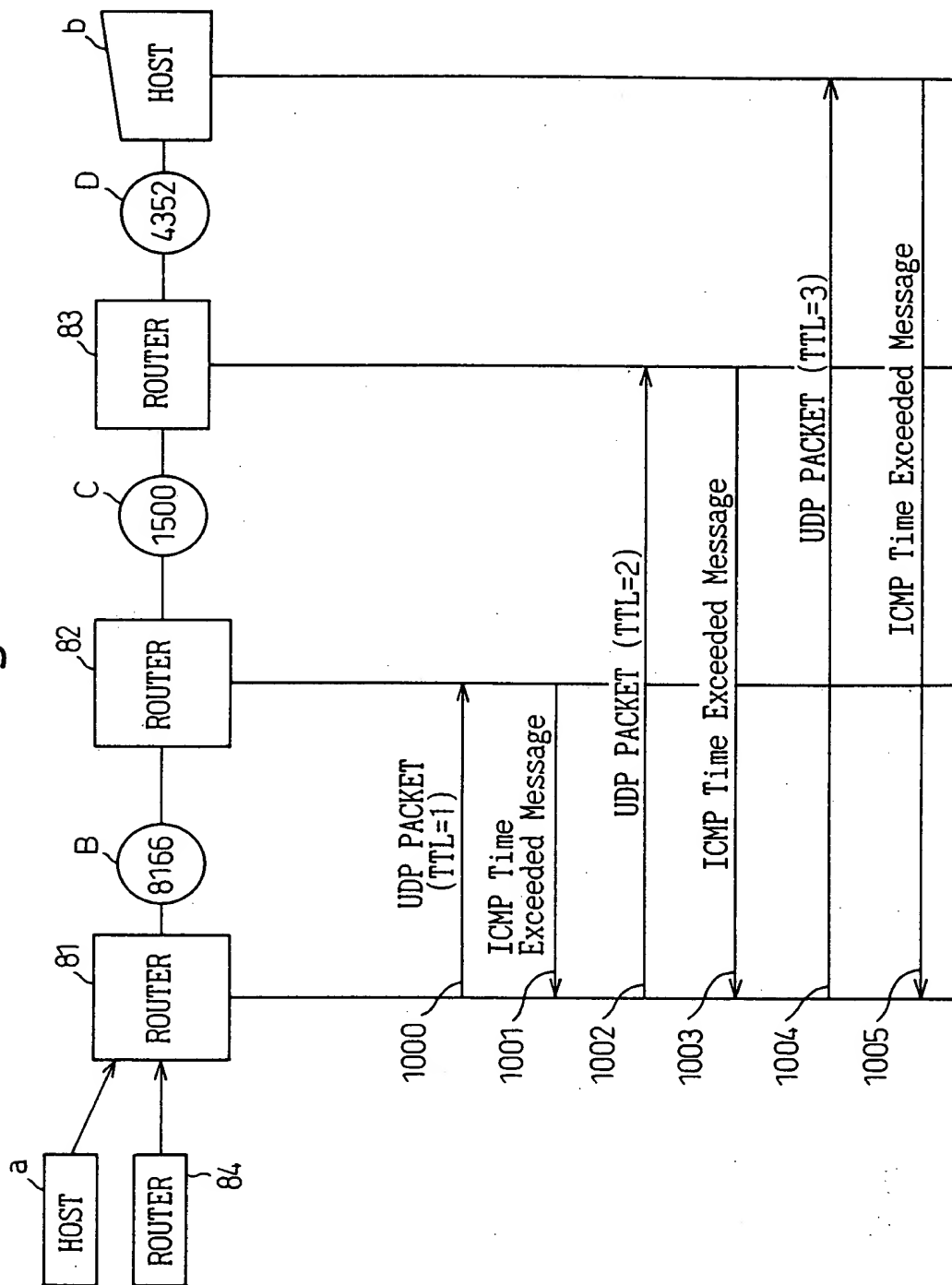


Fig.8

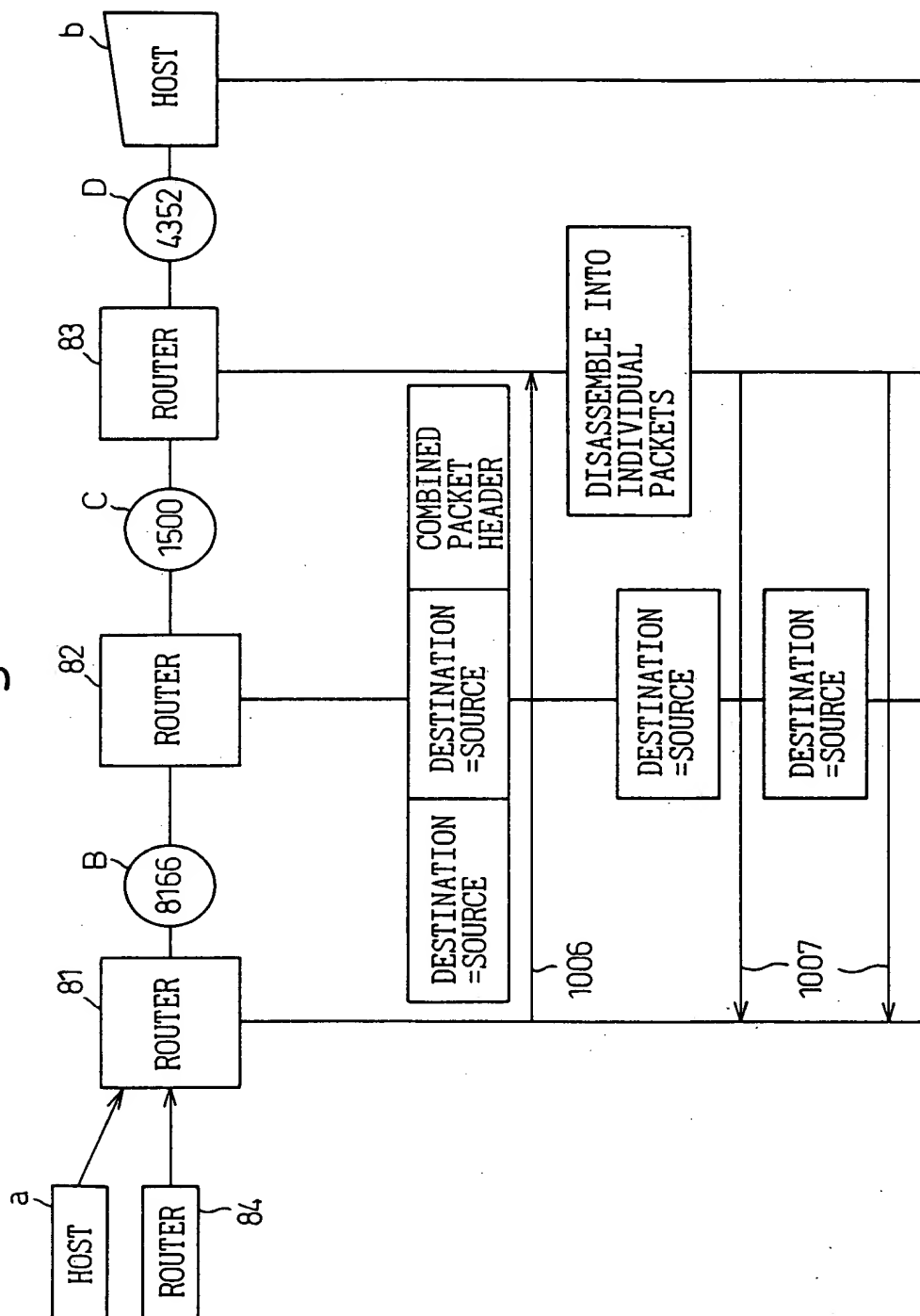
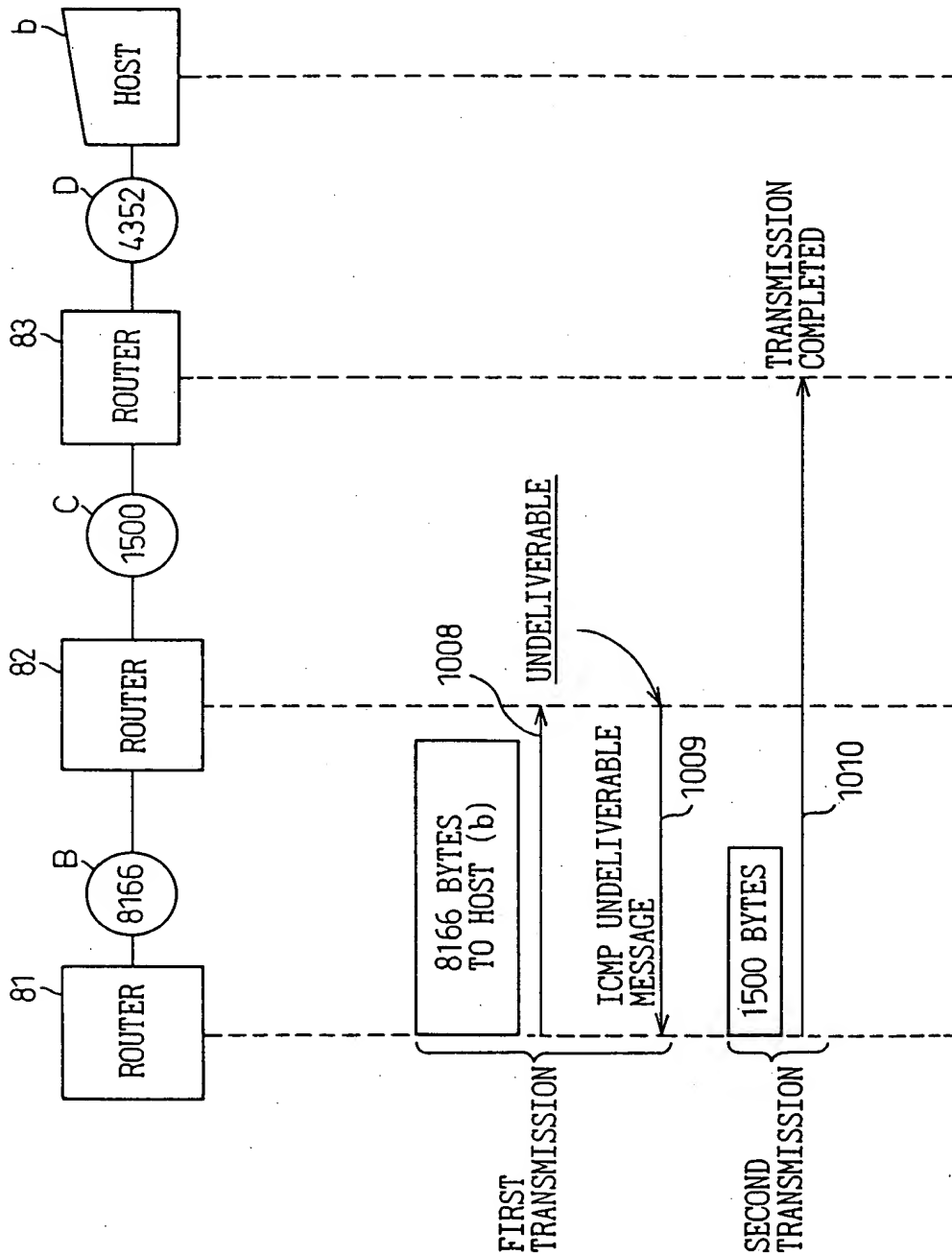
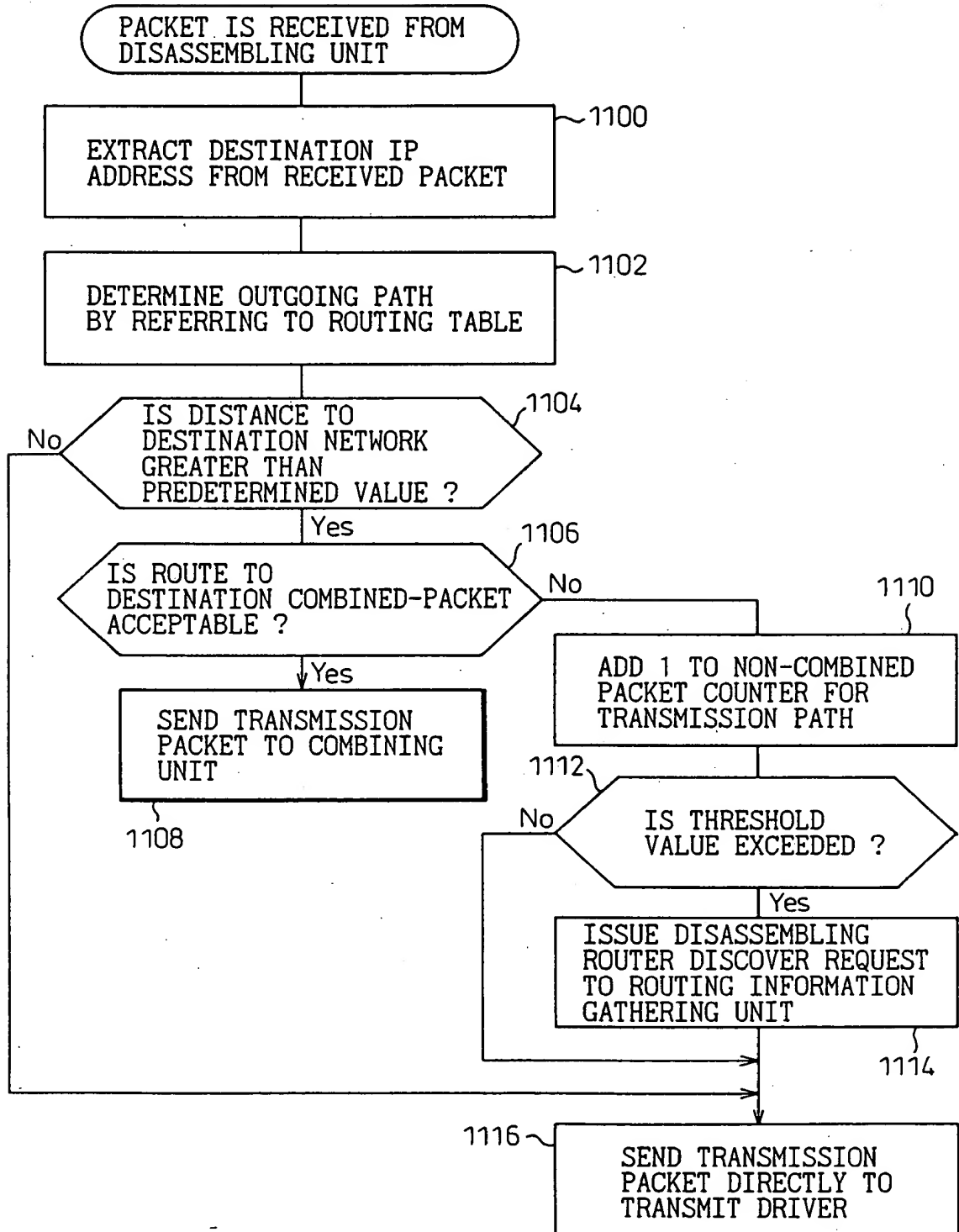


Fig.9



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Fig.10



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Fig.11

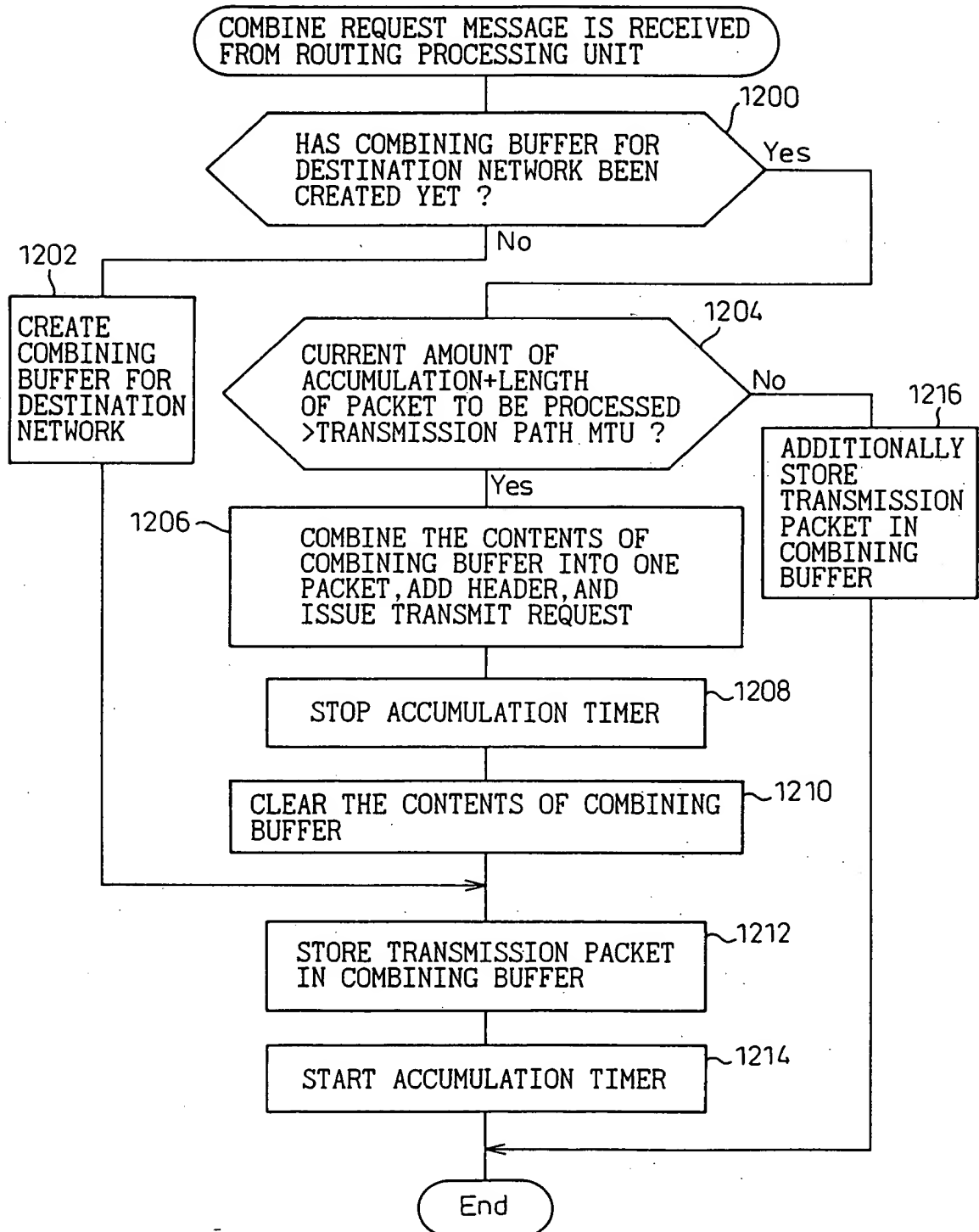


Fig.12

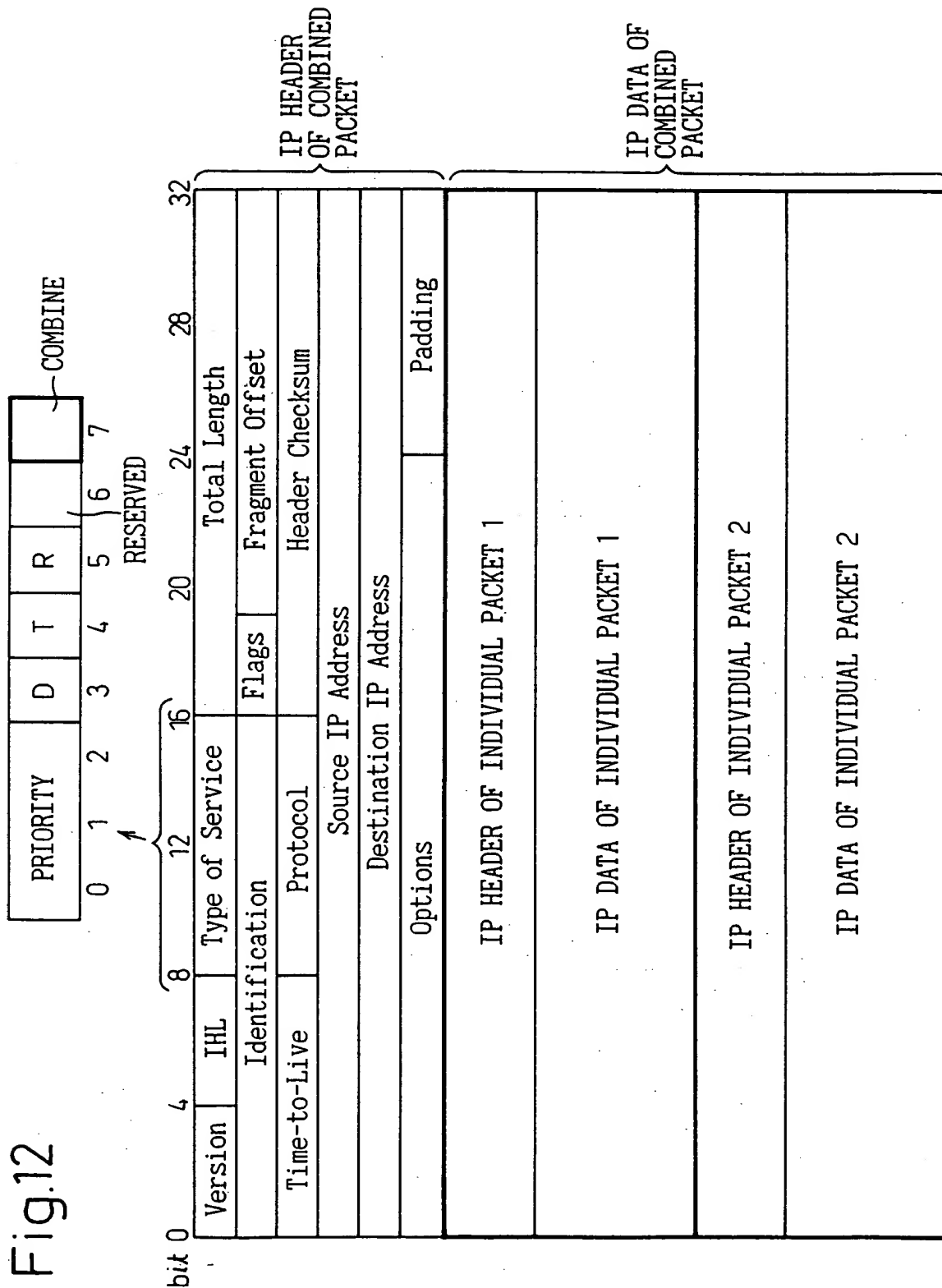
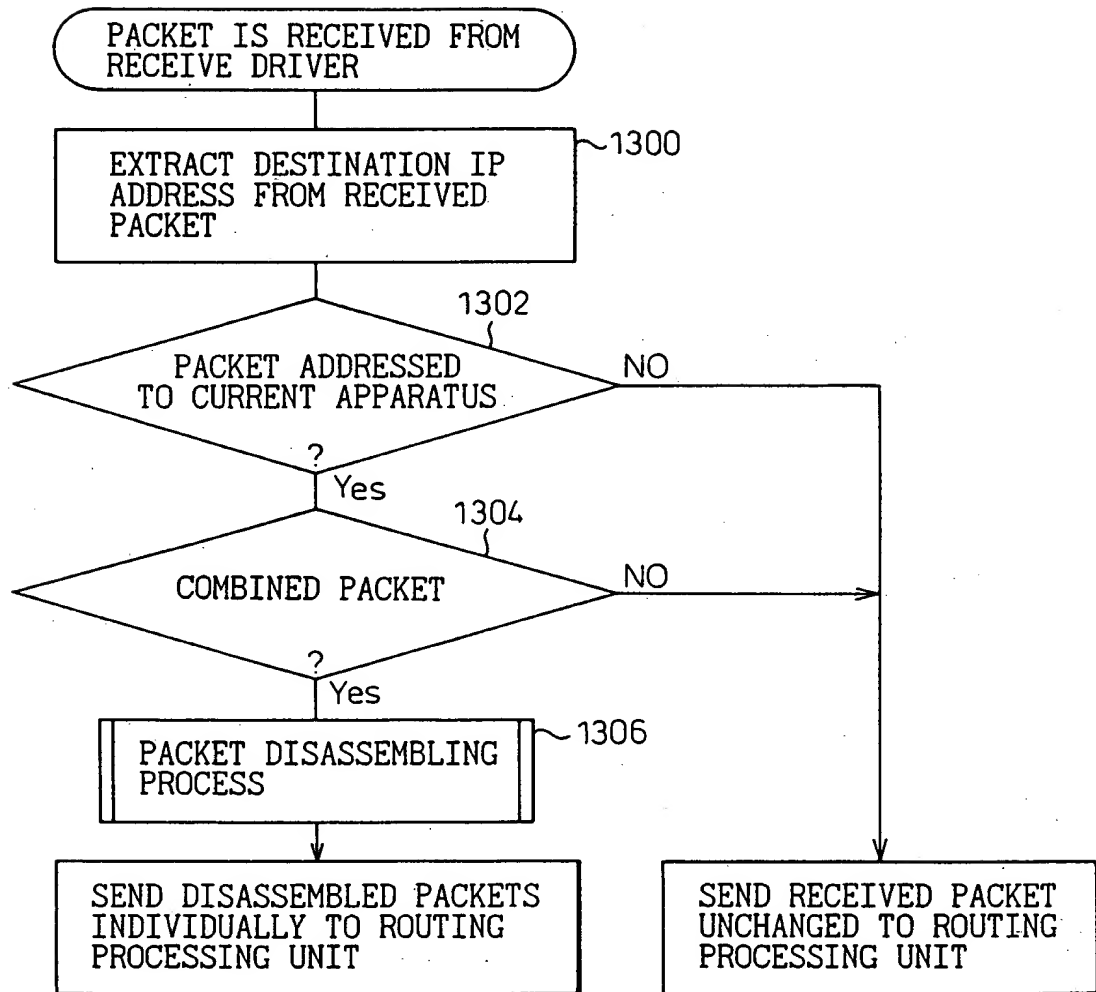
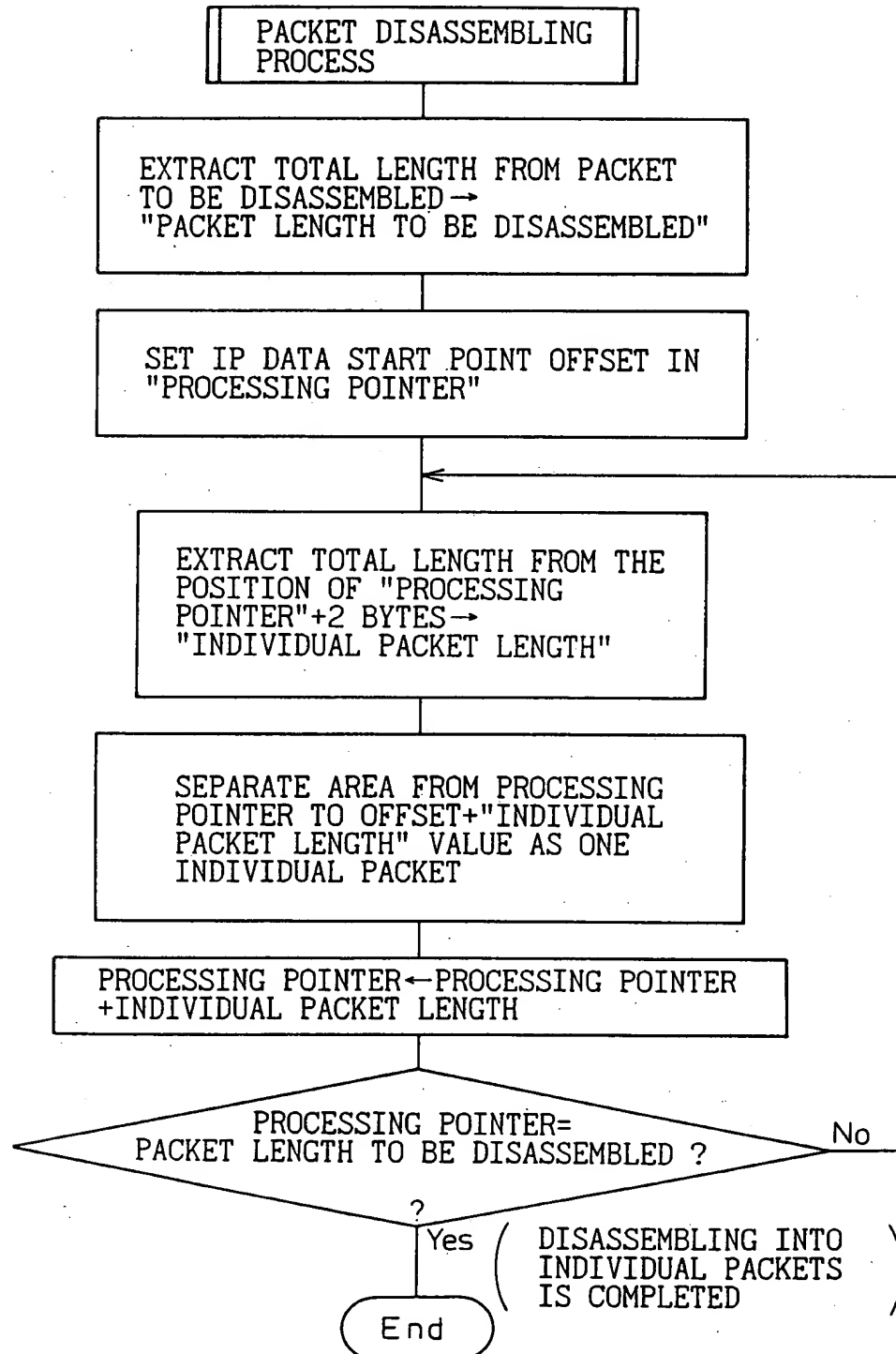


Fig.13



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Fig.14



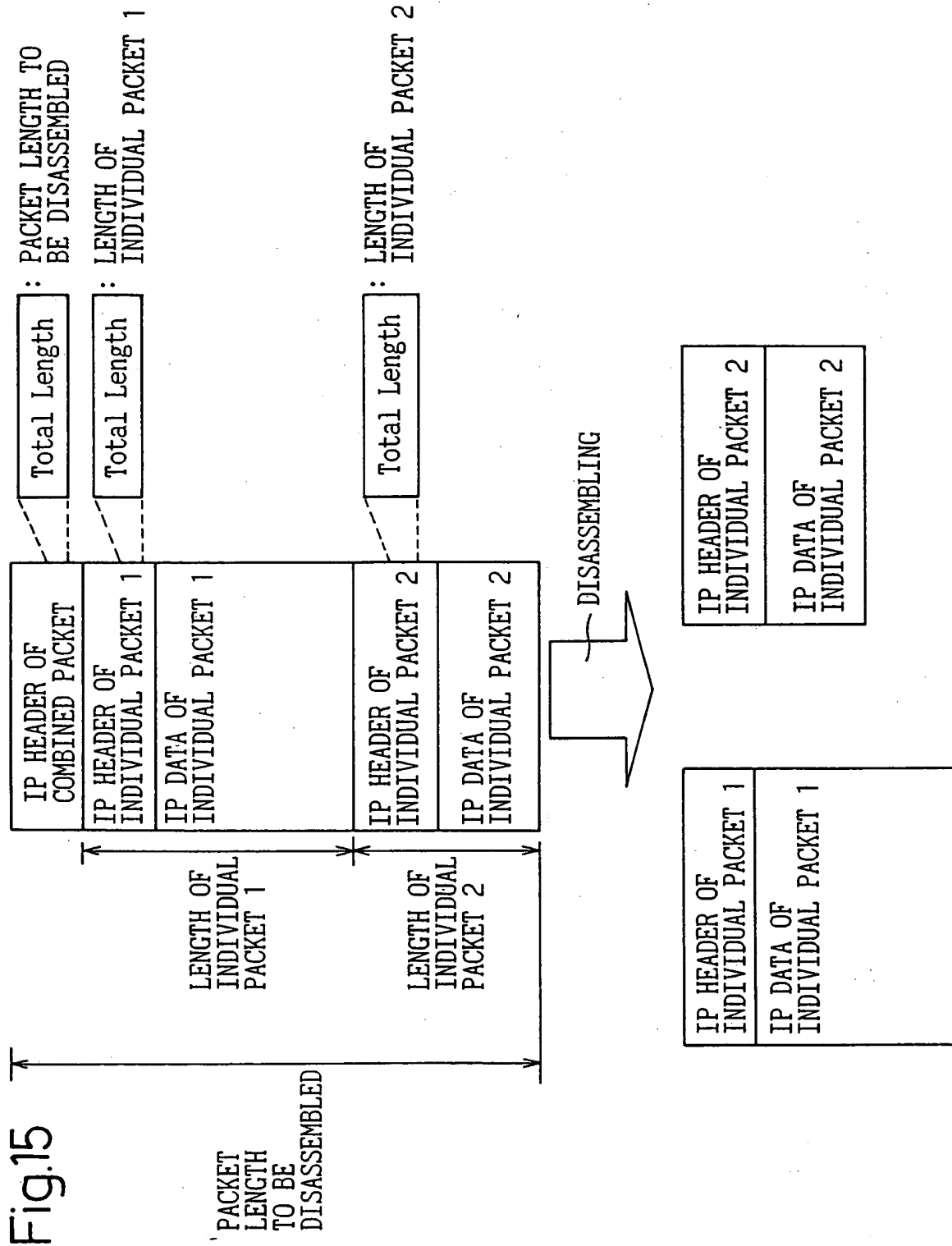
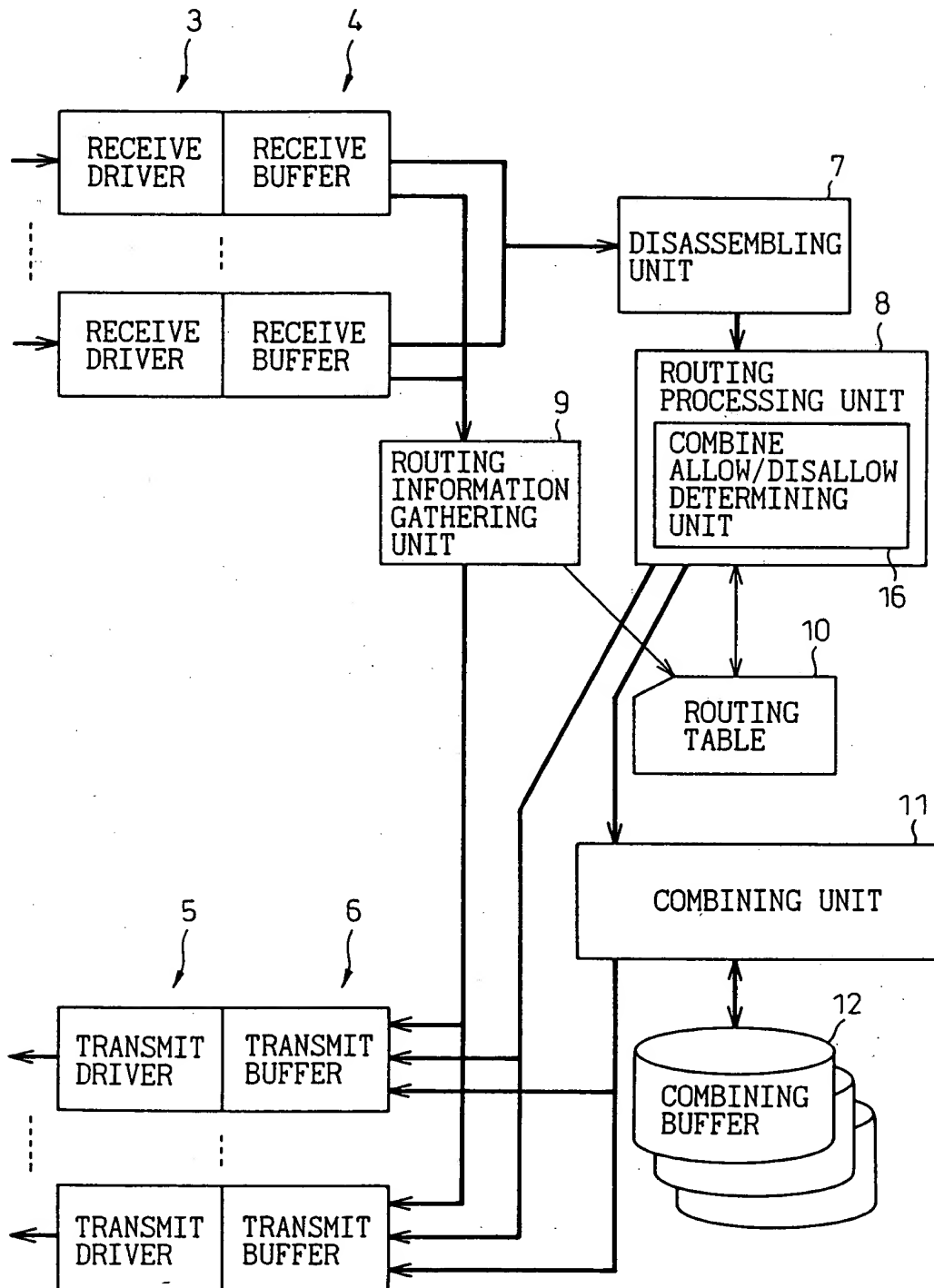


Fig.16



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Fig.17

ROUTING TABLE IN ROUTER 81

NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEMBLING ROUTER	PATH ATTRIBUTE	NETWORK CONDITION
D	82	2	1500	ACCEPTABLE	83	NON-REAL TIME ROUTE	CONGESTED
D	83	1	576	ACCEPTABLE	83	REAL TIME ROUTE	NORMAL
...

Fig.18

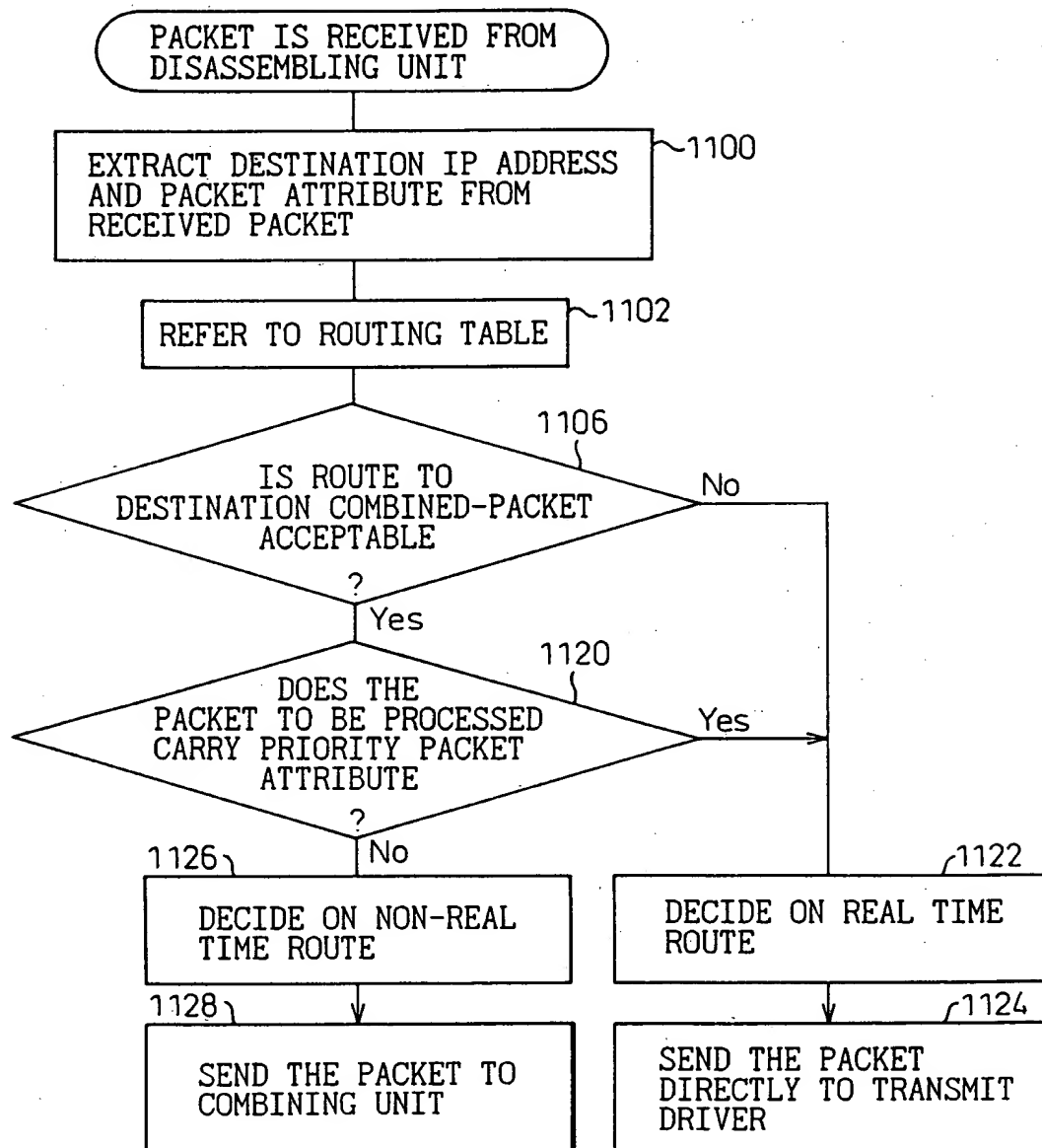
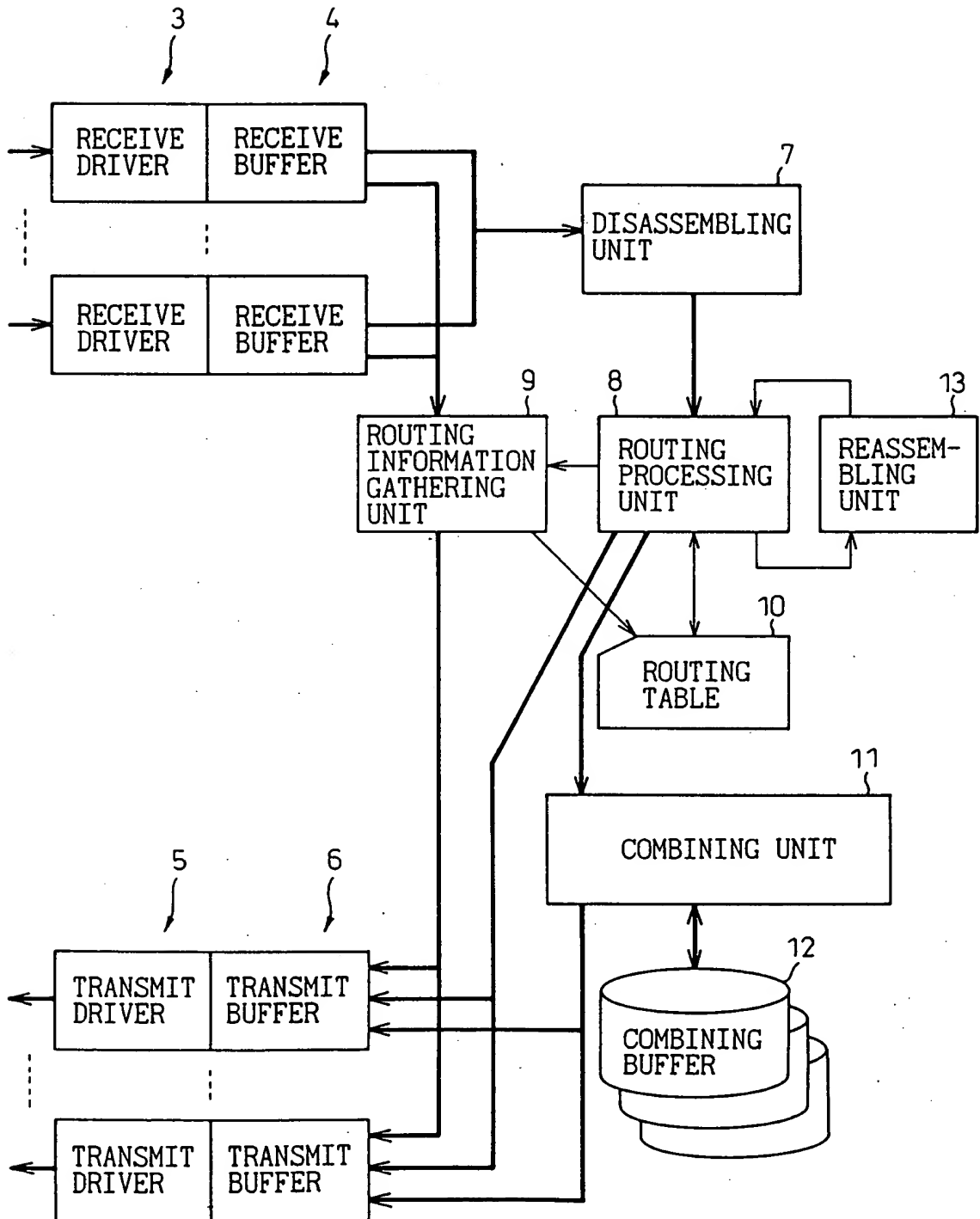


Fig.19



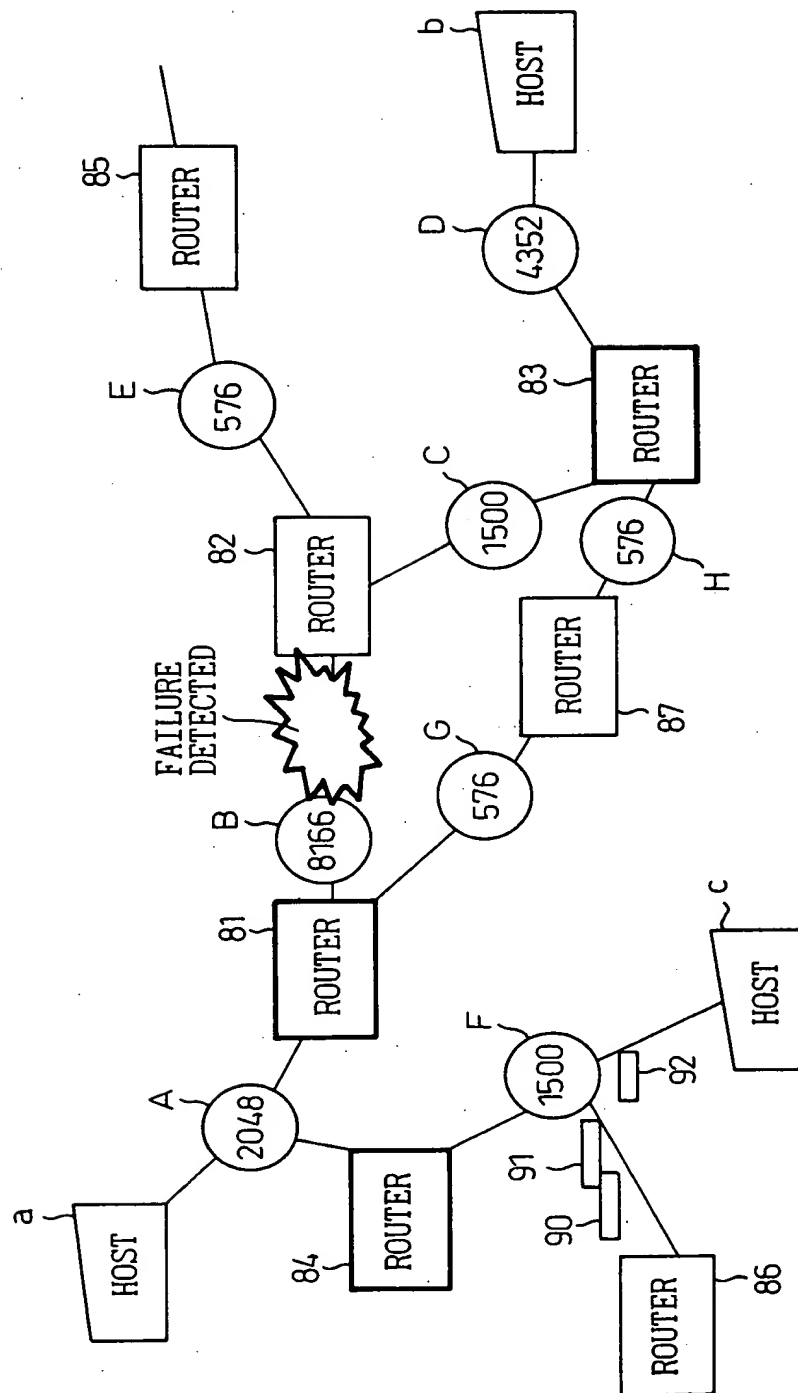


Fig.20

Fig.21

ROUTING TABLE IN ROUTER 84

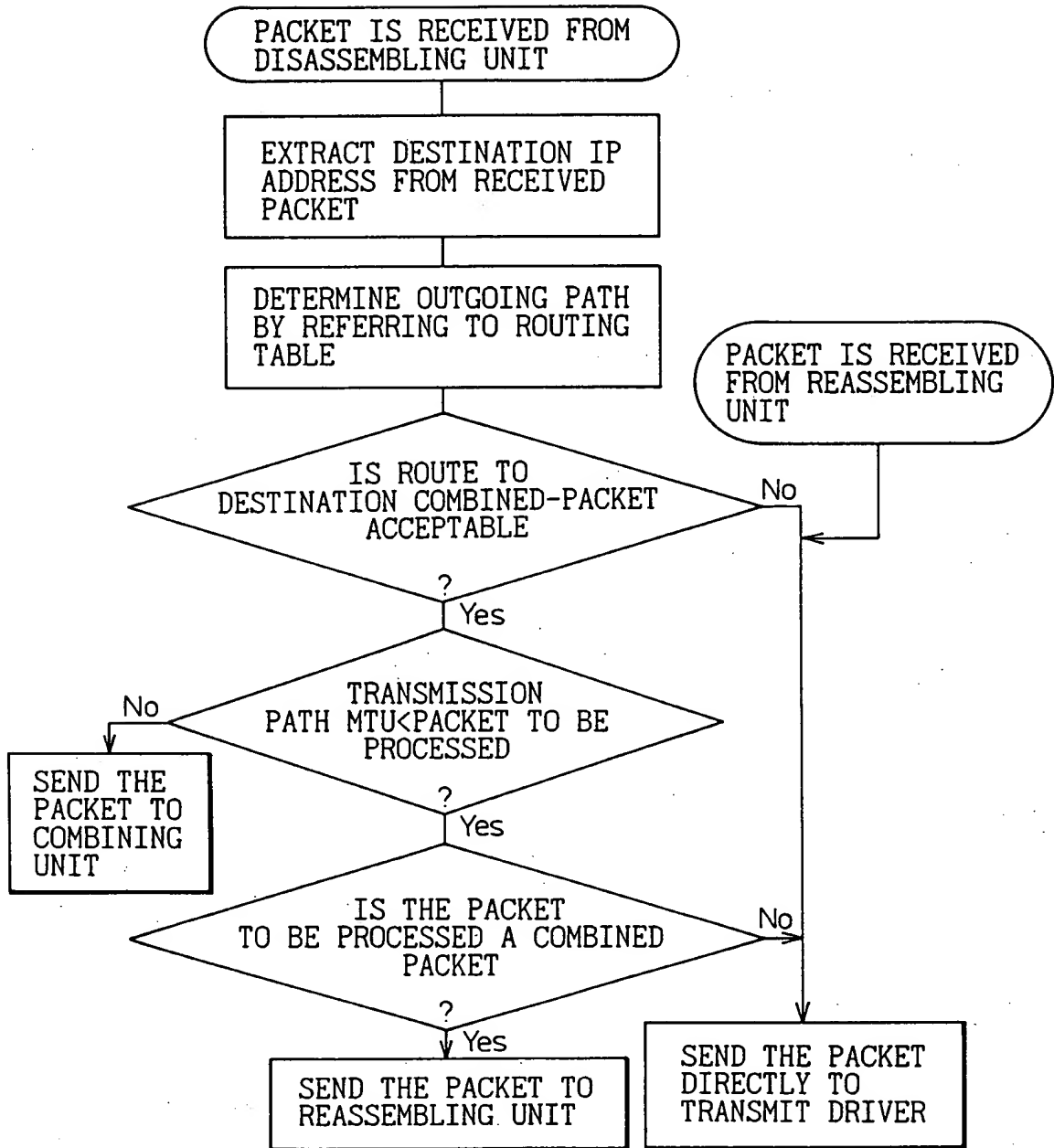
NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEM- BLING ROUTER	NETWORK CONDITION
D	81	3	1500	ACCEPTABLE	83	NORMAL
⋮	⋮	⋮	⋮	⋮	⋮	⋮

Fig.22

ROUTING TABLE IN ROUTER 81

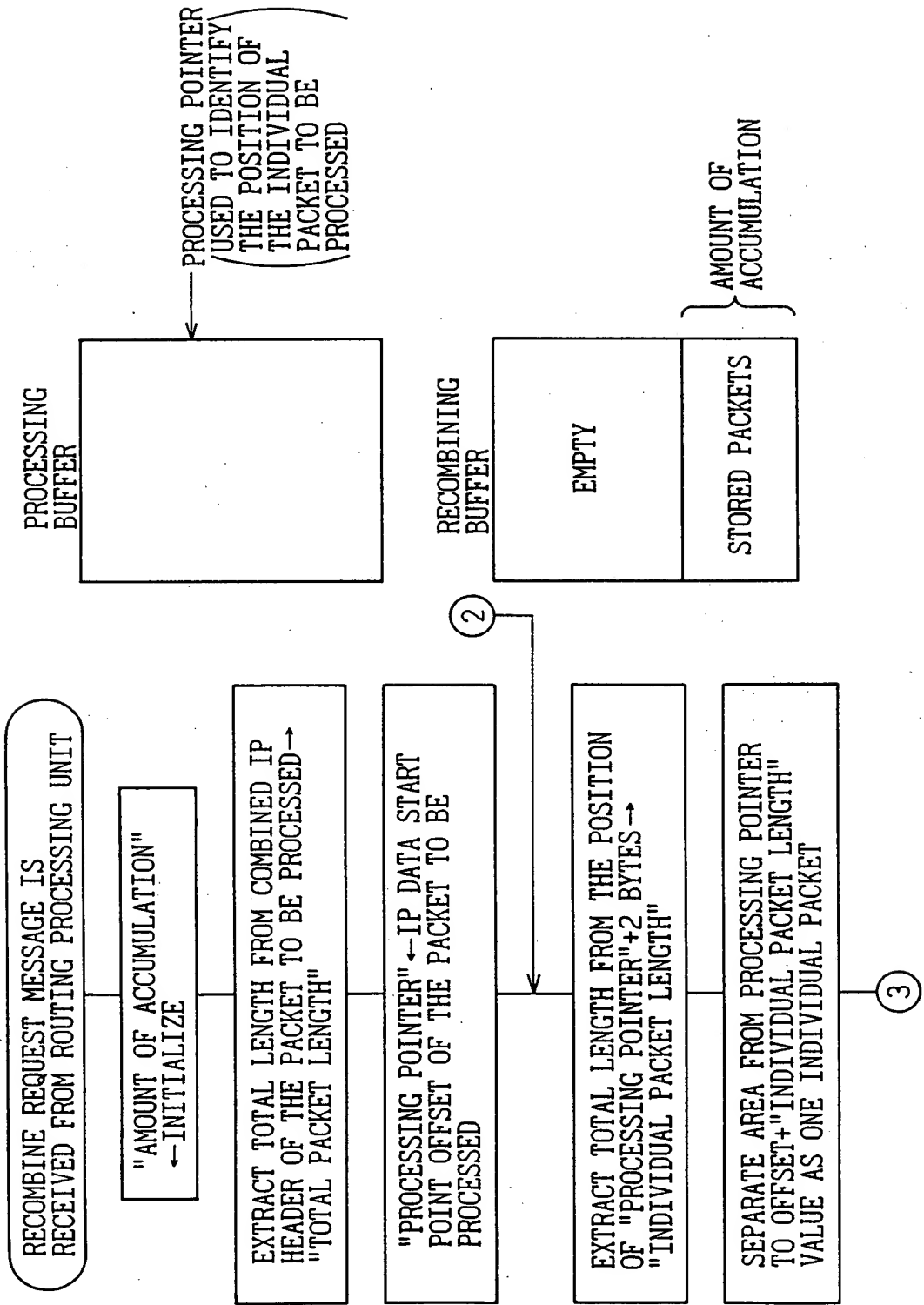
NETWORK	NEXT HOP ROUTER	DISTANCE	TRANSMISSION PATH MTU	COMBINED PACKET	DISASSEM- BLING ROUTER	NETWORK CONDITION
D	82	2	1500	ACCEPTABLE	83	<u>FAILED</u>
D	87	2	576	ACCEPTABLE	83	NORMAL
::	::	::	::	::	::	::

Fig.23



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Fig.24



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Fig.25

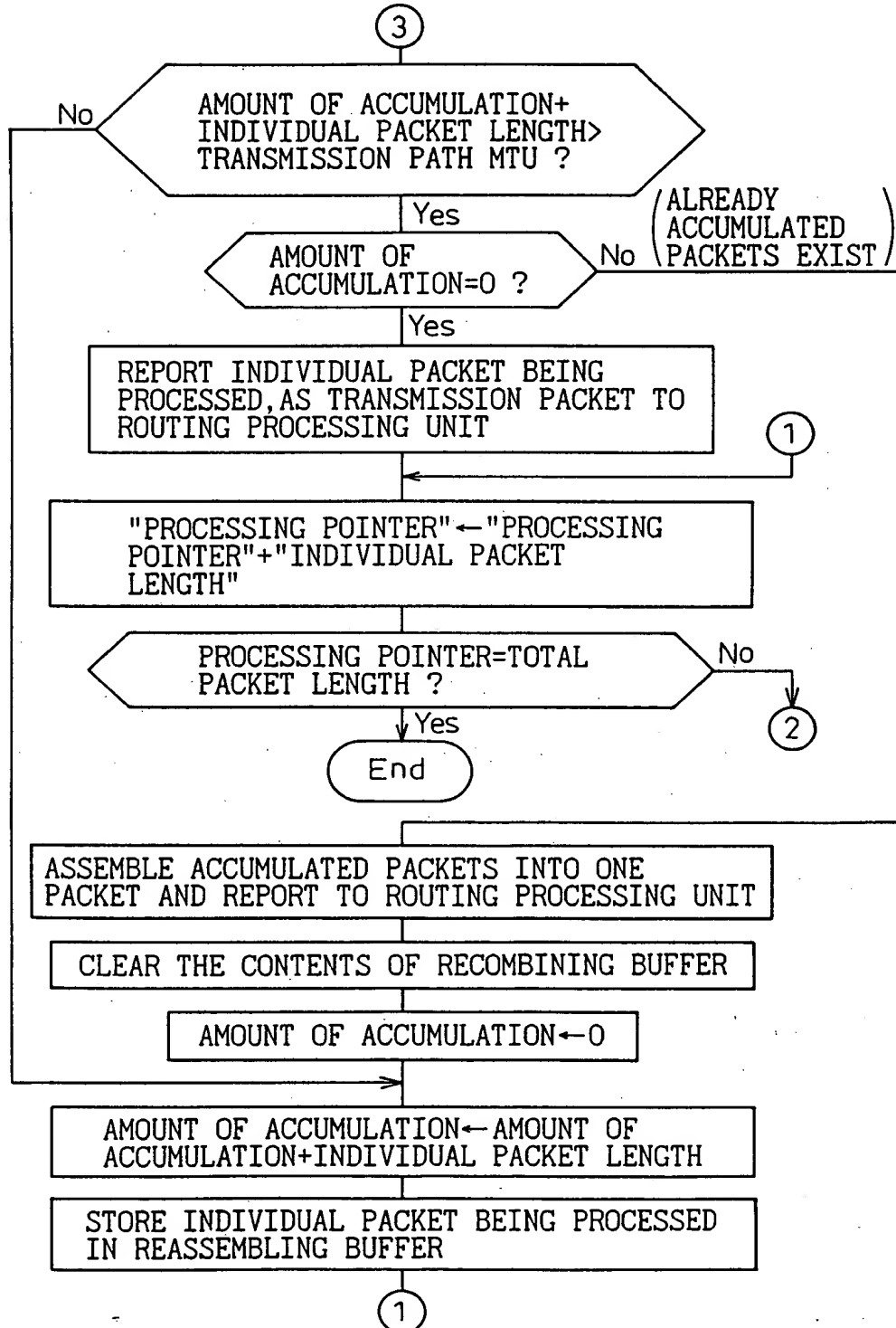
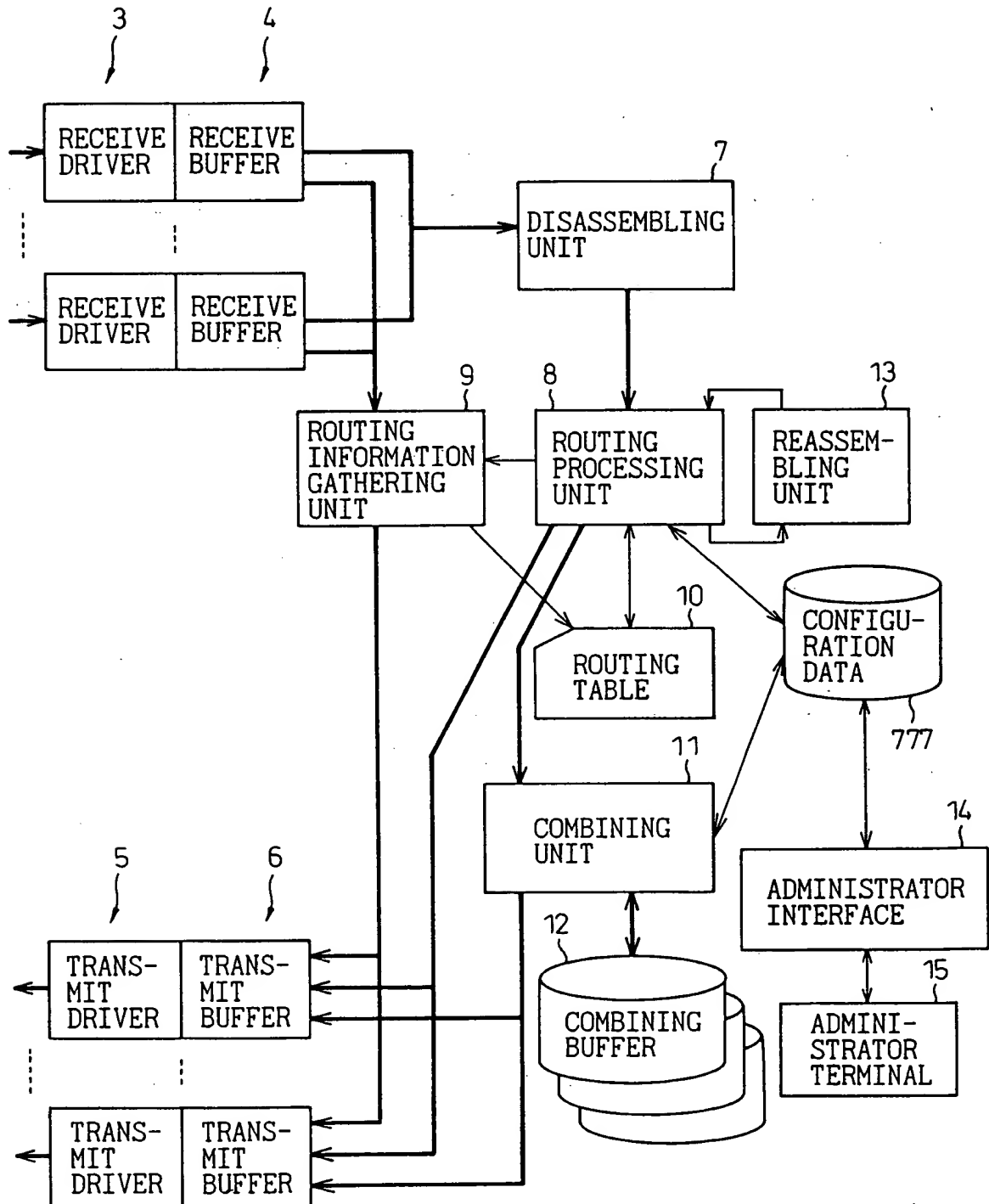


Fig.26



FOR ROUTING
PROCESSING
UNIT

FOR
COMBINING
UNIT